PROJECT REVIEW SHEET - EZ1

HISTORIC & CULTURAL RESOURCES REVIEW

Property / Client Name:	Middle Pilchuck River Habitat Enhancement Project, 11-1263
Worksite Name/Number:	Middle Pilchuck River (Worksite 1 of 1)
Funding Agency:	Rec. and Conserv. Office

Project Applicant	Stilly-Snohomish FETF
Contact Person	Brian Boehm
Address	PO Box 5006
City, State, Zip	Everett, WA 98206
Phone	(425) 252-6686
E-Mail	brian@stillysnofish.org

Funding Agency:

Organization	Rec. and Conserv. Office
Address	PO Box 40917
City, State, Zip	Olympia, WA 98504-0917
Phone	360-902-3000
Contact	Elizabeth Butler, Email: elizabeth.butler@rco.wa.gov

PLEASE DESCRIBE THE TYPE OF WORK TO BE COMPLETED

(Be as detailed as possible to avoid having to provide additional information)

Provide a detailed description of the proposed project:

Sound Salmon Solutions will re-establish riparian buffers and enhance edge habitat in the Pilchuck River near Lake Stevens, Washington. Our goal is to improve sub-optimal habitat for ESA listed Chinook salmon, as well as chum, coho, pink salmon, steelhead and cutthroat trout. The Snohomish River Basin Salmon Conservation Plan lists water quality, riparian vegetation, and aquatic habitat conditions as either moderately degraded or degraded. The Plan outlines the following recovery actions for the Pilchuck River: restore riparian forests, increase channel complexity and rearing habitat for juveniles, and increase LWD along and within the channel.

By cooperating with private, agricultural landowners, Sound Salmon Solutions will improve habitat conditions for salmon by constructing two large wood structures along the riverbank, controlling invasive vegetation and planting native trees to establish buffers on 5 acres, and excluding livestock from these buffers along one mile of the Pilchuck River. Installing wood structures will benefit fish by increasing rearing and pool habitat complexity for juvenile and adult salmonids. Removing invasive weeds will improve riparian vegetation diversity. Planting riparian buffers with native vegetation will shade the channel and provide organic material input to support river processes when trees mature. Excluding livestock will promote survival of newly planted native vegetation.

Describe existing project site conditions.

Current landuse for these properties is agriculture, primarily cattle grazing and hay production. This area has been farmed for the past century. Previous to this it was forested. This area provides spawning and rearing habitat for Chinook and chum salmon, serves as a migration cooridor for Chinook, chum. coho, pink salmon and steelhead and cutthroat trout.

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Describe any proposed ground disturbing activities. That is, will a tool(s) be used to move earth (soil, rock, gra

Excavator will disturb surface soil over an approximate 10,000 sq. ft. area, dig 7-8 trenches approximately 10' deep and 30' long, place LWD in trenches and cover with soil. Planting will require approximately 3,000 holes dug to less than one foot in depth. Mechanized tools used on site will include brush cutters, field mower, power auger, tank sprayer, and an all-terrain vehicle. Hand tools include shovels.

Will buildings be altered or demolished? If so please complete a DAHP Determination of Eligibility EZ2 form for each building affected by the proposed project and attach the form to your project in PRISM. http://www.dahp.wa.gov/pages/Documents/Sites.htm

No buildings will be altered or demolished.

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If no PRISM map, please attach a copy of the relevant portion of a 7.5 series USGS quad map and outline the project impact area.
(USGS Quad maps are available on-line at http://www.topozone.com)

Worksite Location (identified with star):

Address: These properties are in the vicinity of and include 4229 Schwarzmiller Rd, Lake Stevens, WA 98258

Township: 30N
Range: 06E
Section: 34

City:
County: Snohomish
Latitude: 48.04
Longitude: -122.02